

2.14 W. A. LEVEL NARRATIVE - WEST LAKE LANDFILL OU1 RI/FS OS (010-RSP-0714)

2.14.1 Summary of Progress and Procedures

Activities during the month of September 1997, consisted of the review and preparation of Technical Memorandums for the Site Characterization Summary Report, Data Validation Report, and Investigation Derived Waste Management and Interim Remedial Measure Plan, along with the preparation of the monthly report and invoice.

2.14.2 Progress Activity Report

The following activities were conducted during the month of September:

Task 1 - Project Planning and Support

- Preparation of invoice and monthly report.

Task 2 - Community Relations

- No activities were performed under this task.

Task 3 - Field Investigation

- No activities were performed under this task.

Task 7 - Assessment of Risk

- No activities were performed under this task.

Task 8 - Treatability Study/Pilot Testing

- No activities were performed under this task.

Task 9 - Remedial Investigation report

- During the month of September, Sverdrup conducted technical reviews on a series of documents prepared by the PRP's subcontractor, Engineering Management Support, Inc. These documents included a Site Characterization Summary Report, Data Validation Report, and Investigation Derived Waste Management and Interim Remedial Measure Plan. The Site Characterization Summary Report presented a summary of the results of the various Site characterization activities conducted for use in completing the RI and FS along with the Baseline Risk Assessment (BRA) for OU-1. The Data Validation Report presented the results of data validation activities for soil and water samples collected as part of the continued field investigation conducted under the Amended Sampling and Analysis Plan. The Investigation Derived Waste Management and Interim Remedial Measure Plan presented proposed actions for the management of soil cutting generated during intrusive investigation activities and the excavation and interim storage of radiologically impacted soils present on the Ford Property. Specific review comments stemming from the review of each of the documents was presented to EPA in the form of Technical Memorandums.

0714

Site:	West Lake LAF
ID #:	MBD079900932
Break:	22.3 002
Other:	DAC - 010-854014
	N/D

Task 10 - Remedial Alternative Screening

- No activities were performed under this task.

Task 11 - Remedial Alternative Evaluation

- No activities were performed under this task.

Task 12 - FS Report and RI/FS Report

- No activities were performed under this task.

Task 13 - Post RI/FS Support

- No activities were performed under this task.

Task 14 - Administrative Record

- No activities were performed under this task.

Task 15 - Work Assignment Close Out

- No activities were performed under this task.

TABLE 2.14.3 SUMMARY OF SCHEDULE AND VARIANCES THROUGH 10/03/97

	Budgeted Workplan			Actual			Variance		
	Start	To be Complete	Percent Complete	Start	Complete	Percent Complete	Start (Over)/Under	Complete (Over)/Under	Percent Complete (Over)/Under
Task 1 Project Planning and Support	9/24/96	09/30/97	20%	9/25/96		20%	(1)		
Task 2 Community Relations	To be determined	----	0%						
Task 3 Field Investigation	5/12/97	----	10%	5/12/97		10%			
Task 7 Assessment of Risks	To be determined	----	0%						
Task 8 Treatability Study/Pilot Testing	To be determined	----	0%						
Task 9 Remedial Investigation Report	2/03/97		15%	2/03/97		15%			
Task 10 Remedial Alternatives Screening	To be determined	----	0%						

TABLE 2.14.3 SUMMARY OF SCHEDULE AND VARIANCES THROUGH 10/03/97

	Budgeted Workplan			Actual			Variance		
	Start	To be Complete	Percent Complete	Start	Complete	Percent Complete	Start (Over)/Under	Complete (Over)/Under	Percent Complete (Over)/Under
<u>Task 11</u> Remedial Alternatives Evaluation	To be determined	----	0%						
<u>Task 12</u> FS Report and RI/FS Report	To be determined	----	0%						
<u>Task 13</u> Post RI/FS Report	To be determined	----	0%						
<u>Task 14</u> Administrative Record	To be determined	----	0%						
<u>Task 15</u> Work Assignment Close Out	To be determined	9/30/97	0%						

* Project work extending beyond the scheduled due dates are due to PRP schedule slippage and are not reported as variances.

2.14.4 Schedule Variances Corrective Actions Taken and Planned

None.

2.14.5 Anticipated Activity for Next Reporting Period

Await further direction from the Work Assignment Manager.

RAC Work Assignment Cost Variance Report (WA-1)

For Work Performed: 09/06/97-10/03/97

Contractor: Sverdrup Environmental, Inc.
 Contract Number: 68-W5-0014
 Work Assignment Number: 01C-RSP-0714
 Work Assignment Title: West Lake Landfill
 Work Assignment Form: Term

Billing Category	(A)		(B)		(C)		(D) (B+C)		(E)		(F) (E-D)	
	Current Month Total		Cumulative Total		Cost to Complete (Estimate)		Total Performance (Estimate)		Approved Work Plan Budget		Variance	
	LOE	Dollars	LOE	Dollars	LOE	Dollars	LOE	Dollars	LOE	Dollars	LOE	Dollars
PLOE		498.29		4,077.98		15,006.02		19,084.00		19,084.00	0.0	0.00
Clerical		0.00		0.00		1,123.00		1,123.00		1,123.00	0.0	0.00
Total Direct Labor		498.29		4,077.98		16,129.02		20,207.00		20,207.00	0.0	0.00
Overhead		996.58		8,769.59		32,258.03		41,027.62		38,395.00		(2,632.62)
Direct Charges		0.00		44.95		2,602.05		2,647.00		2,647.00		0.00
Travel		0.00		4.20		475.80		480.00		480.00		0.00
Equipment		0.00		0.00		0.00		0.00		0.00		0.00
Insurance		0.00		0.00		0.00		0.00		0.00		0.00
CDM Federal	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
Terracon	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
M. Steele Enterprises	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
Zambrana	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00
CRS	0.0	0.00	0.0	0.00		4,611.38		4,611.38		7,244.00		2,632.62
Subpool												
Fixed Price		0.00		0.00		0.00		0.00		0.00		0.00
CPFF		0.00		0.00		0.00		0.00		0.00		0.00
Other		0.00		0.00		0.00		0.00		0.00		0.00
G&A		0.00		0.00		0.00		0.00		0.00		0.00
Subtotal		1,494.87		12,896.72		56,076.28		68,973.00		68,973.00		0.00
Base Fee		77.88		626.91		2,891.10		3,518.00		3,518.00		0.00
Award Fee		0.00		0.00		5,274.00		5,274.00		5,274.00		0.00
Total		1,572.75		13,523.63		64,241.37		77,765.00		77,765.00		0.00

RAC Work Assignment Invoiced vs. Incurred Costs Report (WA-2)

For Work Performed: 09/06/97-10/03/97

Contractor: Sverdrup Environmental, Inc.
 Contract Number: 68-W5-0014
 Work Assignment: West Lake Landfill
 Work Assignment Type: Term

Site: 0.0

Billing Category	Incurred Current Month													
	(A)		(B)		(C)		(D)		(E)		(F)		(G)	
	Cumulative Amount Invoiced		Monthly Invoice Total		Adjustments for Previous Months		Current Month Incurred and Invoiced		Current Month Incurred, not Invoiced (est.)		Current Month Total Incurred (estimate)		Cumulative Amount Incurred (estimate)	
	LOE	Dollars	LOE	Dollars	LOE	Dollars	LOE	Dollars	LOE	Dollars	LOE	Dollars	LOE	Dollars
Direct Labor														
P4		446.76		0.00	0.0	0.00	0.0	0.00	0.0	0	0.0	0		447
P3		680.02		0.00	0.0	0.00	0.0	0.00	0.0	0	0.0	0		680
P2		2,260.16		483.57	0.0	0.00		483.57	0.0	0		484		2,260
P1		209.63		0.00	0.0	0.00		0.00	0.0	0		0		210
T2		0.00		0.00	0.0	0.00		0.00	0.0	0		0		0
T1		481.41		14.72	0.0	0.00		14.72	0.0	0		15		481
Total PLOE		4,077.98		498.29	0.0	0.00		498.29	0.0	0		498		4,078
CL		0.00		0.00	0.0	0.00		0.00	0.0	0		0		0
Total Direct Labor		4,077.98		498.29	0.0	0.00		498.29	0.0	0		498		4,078
Overhead		8,769.59		996.58		0.00		996.58		0		997		8,770
Direct Charges		44.95		0.00		0.00		0.00		0		0		45
Travel		4.20		0.00		0.00		0.00		0		0		4
Equipment		0.00		0.00		0.00		0.00		0		0		0
Insurance		0.00		0.00		0.00		0.00		0		0		0
CDM Federal	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0	0.0	0	0.0	0
Terracon	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0	0.0	0	0.0	0
M. Steele Enterprises	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0	0.0	0	0.0	0
Zambrana	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0	0.0	0	0.0	0
CRS	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0.00	0.0	0	0.0	0	0.0	0
Subpool														
Fixed Price		0.00		0.00		0.00		0.00		0		0		0
CPFF		0.00		0.00		0.00		0.00		0		0		0
Other		0.00		0.00		0.00		0.00		0		0		0
G&A		0.00		0.00		0.00		0.00		0		0		0
Subtotal		12,896.72		1,494.87		0.00		1,494.87		0		1,495		12,897
Base Fee		626.91		77.88		0.00		77.88		0		78		627
Award Fee		0.00		0.00		0.00		0.00		0		0		0
Work Assignment Total		13,523.63		1,572.75		0.00		1,572.75		0		1,573		13,524

RAC Contract Invoice Backup Report - Work Assignment (CIB-2)

Contract Number: 68-W5-0014 Work Assignment: 010-RSP-0714
 Work Assignment Title: West Lake Landfill
 Period of Performance: 09/23/96 - 09/30/97
 Contractor Name: Sverdrup Environmental, Inc.
 Invoice Service Delivery Date: 09/06/97-10/03/97

Activity: RI/FS OS

Task Category Code: PP
 Task 1: Project Planning and Support

PRIME CONTRACTOR Cost Elements	Current		Cumulative		Approved Work Plan Budget	
	LOE/HRS	Dollars	LOE/HRS	Dollars	LOE/HRS	Dollars
Direct Labor						
P-4						
1) Arl A. Altman				351.16		
2) Robert M. Young				95.60		
				0.00		
P-4 Subtotal	0.0	0.00		446.76		443
P-3						
1) Charles M. Gross				680.02		
				0.00		
				0.00		
P-3 Subtotal	0.0	0.00		680.02		779
P-2						
1) Jon B. Niffenegger				1,008.13		
				0.00		
				0.00		
P-2 Subtotal	0.0	0.00		1,008.13		2,659
P-1						
1) Michael W. McCurdy				209.63		
				0.00		
				0.00		
P-1 Subtotal	0.0	0.00		209.63		0
T-2						
				0.00		
				0.00		
				0.00		
T-2 Subtotal	0.0	0.00		0.00		0
T-1						
1) Aimee E. Hamilton				359.46		
2) David W. Schull		14.72		117.70		
3) Maria V. Cordova				4.25		
T-1 Subtotal		14.72		481.41		552
TOTAL, PROFESSIONAL	1.0	14.72		2,825.95		4,433
Clerical						
1) Cindy M. Geivett				0.00		
				0.00		
				0.00		
TOTAL, CLERICAL	0.0	0.00		0.00		238
TOTAL, DIRECT LABOR		14.72		2,825.95		4,671
DIRECT COSTS						
ODC's						
Reproduction		0.00		0.00		145
Supplies		0.00		0.00		0
Mail/Courier		0.00		28.95		300
Computer Time		0.00		0.00		0
Reports		0.00		0.00		0
Telephone		0.00		0.00		162
Advertising		0.00		0.00		0
Other		0.00		16.00		0
Subtotal, ODCs		0.00		44.95		607
Travel		0.00		4.20		0
Equipment		0.00		0.00		0
Subpool		0.00		0.00		0
Pollution Liability Insurance		0.00		0.00		0
TOTAL, DIRECT COSTS		0.00		49.15		607
TOTAL, PRIME DIRECTS (LOE/HOURS & COST)		14.72		2,875.10		5,278
INDIRECT COSTS						
Fringe Benefits	0.00%	0.00		0.00		0
Overhead - Office	200.00%	29.44		6,265.52		8,876
Overhead - Field	105.00%	0.00		0.00		0
Handling	0.00%	0.00		0.00		0
G&A	0.00%	0.00		0.00		0
TOTAL, PRIME INDIRECT COSTS		29.44		6,265.52		8,876
Base Fee		3.89		436.10		801
TOTAL, PRIME COSTS (DIRECTS+INDIRECTS+BASE FEE)		48.05		9,576.72		14,955

RAC Contract Invoice Backup Report - Work Assignment (CIB-2)

Contract Number:	68-W5-0014	Work Assignment:	010-RSP-0714	Activity:	RI/FS OS
Work Assignment Title:	West Lake Landfill				
Period of Performance:	09/23/96 - 09/30/97	WA Form:	Term		
Contractor Name:	Sverdrup Environmental, Inc.	Invoice Number:	28		
Invoice Service Delivery Date:	09/06/97-10/03/97	Invoice Date:	October 17, 1997		

Task Category Code: RR
Task 9: Remedial Investigation Report

PRIME CONTRACTOR Cost Elements	Current		Cumulative		Approved Work Plan Budget	
	LOE/HRS	Dollars	LOE/HRS	Dollars	LOE/HRS	Dollars
Direct Labor						
P-4			0.0	0.00		
			0.0	0.00		
			0.0	0.00		
P-4 Subtotal	0.0	0.00	0.0	0.00		89
P-3			0.0	0.00		
			0.0	0.00		
			0.0	0.00		
P-3 Subtotal	0.0	0.00	0.0	0.00		498
P-2						
1) Jon B. Niffenegger		461.08		973.39		
2) Laaila Srour		22.49		22.49		
				0.00		
P-2 Subtotal		483.57		995.88		1,950
P-1						
				0.00		
				0.00		
				0.00		
P-1 Subtotal		0.00		0.00		0
T-2						
				0.00		
				0.00		
				0.00		
T-2 Subtotal		0.00		0.00		0
T-1						
				0.00		
				0.00		
				0.00		
T-1 Subtotal		0.00		0.00		0
TOTAL, PROFESSIONAL		483.57		995.88		2,537
Clerical						
				0.00		
				0.00		
				0.00		
TOTAL, CLERICAL		0.00		0.00		65
TOTAL, DIRECT LABOR		483.57		995.88		2,602
DIRECT COSTS						
ODC's						
Reproduction		0.00		0.00		20
Supplies		0.00		0.00		0
Mail/Courier		0.00		0.00		60
Computer Time		0.00		0.00		0
Reports		0.00		0.00		0
Telephone		0.00		0.00		27
Advertising		0.00		0.00		0
Other		0.00		0.00		0
Subtotal, ODCs		0.00		0.00		107
Travel		0.00		0.00		0
Equipment		0.00		0.00		0
Subpool		0.00		0.00		0
Pollution Liability Insurance		0.00		0.00		0
TOTAL, DIRECT COSTS		0.00		0.00		107
TOTAL, PRIME DIRECTS (LOE/HOURS & COST)		483.57		995.88		2,709
INDIRECT COSTS						
Fringe Benefits	0.00%	0.00		0.00		0
Overhead - Office	200.00%	967.14		1,991.77		4,944
Overhead - Field	105.00%	0.00		0.00		0
Handling	0.00%	0.00		0.00		0
G&A	0.00%	0.00		0.00		0
TOTAL, PRIME INDIRECT COSTS		967.14		1,991.77		4,944
Base Fee		73.99		151.87		382
TOTAL, PRIME COSTS (DIRECTS+INDIRECTS+BASE FEE)		1,524.70		3,139.52		8,035

RAC Contract Invoice Backup Report - Work Assignment (CIB-2)

Contract Number: 68-W5-0014 Work Assignment: 010-RSP-0714
 Work Assignment Title: West Lake Landfill
 Period of Performance: 09/23/96 - 09/30/97 WA Form: Term
 Contractor Name: Sverdrup Environmental, Inc. Invoice Number: 28
 Invoice Service Delivery Date: 09/06/97-10/03/97 Invoice Date: October 17, 1997

Activity: RI/FS OS

TOTAL OF ALL TASKS

PRIME CONTRACTOR Cost Elements	Current		Cumulative		Approved Work Plan Budget	
	LOE/HRS	Dollars	LOE/HRS	Dollars	LOE/HRS	Dollars

P-4

P-4 Subtotal	0.0	0.00		446.76		975
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P-3

P-3 Subtotal	0.0	0.00		680.02		3,581
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P-2

P-2 Subtotal		483.57		2,260.16		13,485
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P-1

P-1 Subtotal		0.00		209.63		155
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T-2

T-2 Subtotal		0.00		0.00		129
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T-1

T-1 Subtotal		14.72		481.41		759
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TOTAL, PROFESSIONAL		498.29		4,077.98		19,084
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Clerical

TOTAL, CLERICAL		0.00		0.00		1,123
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TOTAL, DIRECT LABOR		498.29		4,077.98		20,207
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DIRECT COSTS

ODC's						
Reproduction		0.00		0.00		920
Supplies		0.00		0.00		200
Mail/Courier		0.00		28.95		795
Computer Time		0.00		0.00		216
Reports		0.00		0.00		0
Telephone		0.00		0.00		516
Advertising		0.00		0.00		0
Other		0.00		16.00		0
Subtotal, ODCs		0.00		44.95		2,647

Travel		0.00		4.20		480
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Equipment		0.00		0.00		0
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Subpool		0.00		0.00		0
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Pollution Liability Insurance		0.00		0.00		0
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TOTAL, DIRECT COSTS		0.00		49.15		3,127
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TOTAL, PRIME DIRECTS (LOE/HOURS & COST)		498.29		4,127.13		23,334
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INDIRECT COSTS

Fringe Benefits		0.00		0.00		0
Overhead - Office		996.58		8,769.59		38,395
Overhead - Field		0.00		0.00		0
Handling		0.00		0.00		0
G&A		0.00		0.00		0

TOTAL, PRIME INDIRECT COSTS		996.58		8,769.59		38,395
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Base Fee		77.88		626.91		3,518
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TOTAL, PRIME COSTS (DIRECTS+INDIRECTS+BASE FEE)		1,572.75		13,523.63		65,247
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RAC Contract Invoice Backup Report - Work Assignment (CIB-2)

Contract Number:	68-W5-0014	Work Assignment:	010-RSP-0714	Activity:	R/FS OS
Work Assignment Title:	West Lake Landfill				
Period of Performance:	09/23/96 - 09/30/97	WA Form:	Term		
Contractor Name:	Sverdrup Environmental, Inc.	Invoice Number:	28		
Invoice Service Delivery Date:	09/06/97-10/03/97	Invoice Date:	October 17, 1997		

Task Category Code: PP
Task 1: Project Planning and Support

TOTALS FOR TASK 1

Cost Elements	Current		Cumulative		Approved Work Plan Budget	
	LOE/HRS	Dollars	LOE/HRS	Dollars	LOE/HRS	Dollars
PRIME CONTRACTOR						
TOTAL, DIRECT LABOR (LOE/HRS)		14.72		2,825.95		4,433.00
TOTAL, DIRECT LABOR (Clerical)	0.0	0.00	0.0	0.00		238.00
TOTAL, DIRECT COSTS						
Other Direct Costs		0.00		44.95		607.00
Travel		0.00		4.20		0.00
Equipment		0.00		0.00		0.00
Subpool		0.00		0.00		0.00
Pollution Liability Insurance		0.00		0.00		0.00
TOTAL, INDIRECT COSTS (Fringe, O/H, G&A)		29.44		6,265.52		8,876.00
TOTAL, TEAM SUB FEES (as negotiated)		0.00		0.00		0.00
TOTAL, BASE FEE (Prime)		3.89		436.10		801.00
TOTAL, TASK 1 COSTS		48.05		9,576.72		14,955.00
CDM FEDERAL PROGRAMS CORP.						
TOTAL, DIRECT LABOR (LOE/HRS)	0.0	0.00	0.0	0.00	0.0	0.00
TOTAL, DIRECT LABOR (Clerical)	0.0	0.00	0.0	0.00	0.0	0.00
TOTAL, DIRECT COSTS						
Other Direct Costs		0.00		0.00		0.00
Travel		0.00		0.00		0.00
Equipment		0.00		0.00		0.00
Subpool		0.00		0.00		0.00
Pollution Liability Insurance		0.00		0.00		0.00
TOTAL, INDIRECT COSTS (Fringe, O/H, G&A)		0.00		0.00		0.00
TOTAL, TEAM SUB FEES (as negotiated)		0.00		0.00		0.00
TOTAL, BASE FEE (Prime)		0.00		0.00		0.00
TOTAL, TASK 1 COSTS	0.0	0.00	0.0	0.00	0.0	0.00
TERRACON ENVIRONMENTAL, INC.						
TOTAL, DIRECT LABOR (LOE/HRS)	0.0	0.00	0.0	0.00	0.0	0.00
TOTAL, DIRECT LABOR (Clerical)	0.0	0.00	0.0	0.00	0.0	0.00
TOTAL, DIRECT COSTS						
Other Direct Costs		0.00		0.00		0.00
Travel		0.00		0.00		0.00
Equipment		0.00		0.00		0.00
Subpool		0.00		0.00		0.00
Pollution Liability Insurance		0.00		0.00		0.00
TOTAL, INDIRECT COSTS (Fringe, O/H, G&A)		0.00		0.00		0.00
TOTAL, TEAM SUB FEES (as negotiated)		0.00		0.00		0.00
TOTAL, BASE FEE (Prime)		0.00		0.00		0.00
TOTAL, TASK 1 COSTS	0.0	0.00	0.0	0.00	0.0	0.00
M. STEELE ENTERPRISES, INC.						
TOTAL, DIRECT LABOR (LOE/HRS)	0.0	0.00	0.0	0.00	0.0	0.00
TOTAL, DIRECT LABOR (Clerical)	0.0	0.00	0.0	0.00	0.0	0.00
TOTAL, DIRECT COSTS						
Other Direct Costs		0.00		0.00		0.00
Travel		0.00		0.00		0.00
Equipment		0.00		0.00		0.00
Subpool		0.00		0.00		0.00
Pollution Liability Insurance		0.00		0.00		0.00
TOTAL, INDIRECT COSTS (Fringe, O/H, G&A)		0.00		0.00		0.00
TOTAL, TEAM SUB FEES (as negotiated)		0.00		0.00		0.00
TOTAL, BASE FEE (Prime)		0.00		0.00		0.00
TOTAL, TASK 1 COSTS	0.0	0.00	0.0	0.00	0.0	0.00
ZAMBRANA ENGINEERING, INC.						
TOTAL, DIRECT LABOR (LOE/HRS)	0.0	0.00	0.0	0.00	0.0	0.00
TOTAL, DIRECT LABOR (Clerical)	0.0	0.00	0.0	0.00	0.0	0.00
TOTAL, DIRECT COSTS						
Other Direct Costs		0.00		0.00		0.00
Travel		0.00		0.00		0.00
Equipment		0.00		0.00		0.00
Subpool		0.00		0.00		0.00
Pollution Liability Insurance		0.00		0.00		0.00
TOTAL, INDIRECT COSTS (Fringe, O/H, G&A)		0.00		0.00		0.00
TOTAL, TEAM SUB FEES (as negotiated)		0.00		0.00		0.00
TOTAL, BASE FEE (Prime)		0.00		0.00		0.00
TOTAL, TASK 1 COSTS	0.0	0.00	0.0	0.00	0.0	0.00

RAC Contract Invoice Backup Report - Work Assignment (CIB-2)

Contract Number: 68-W5-0014 Work Assignment: 010-RSP-0714
 Work Assignment Title: West Lake Landfill
 Period of Performance: 09/23/96 - 09/30/97 WA Form: Term
 Contractor Name: Sverdrup Environmental, Inc. Invoice Number: 28
 Invoice Service Delivery Date: 09/06/97-10/03/97 Invoice Date: October 17, 1997

Activity: RI/FS OS

Task Category Code: PP
 Task 1: Project Planning and Support

TOTALS FOR TASK 1

Cost Elements	Current		Cumulative		Approved Work Plan Budget	
	LOE/HRS	Dollars	LOE/HRS	Dollars	LOE/HRS	Dollars
CRS						
TOTAL, DIRECT LABOR (LOE/HRS)	0.0	0.00	0.0	0.00		784.00
TOTAL, DIRECT LABOR (Clerical)	0.0	0.00	0.0	0.00		30.00
TOTAL, DIRECT COSTS						
Other Direct Costs		0.00		0.00		0.00
Travel		0.00		0.00		0.00
Equipment		0.00		0.00		0.00
Subpool		0.00		0.00		0.00
Pollution Liability Insurance		0.00		0.00		0.00
TOTAL, INDIRECT COSTS (Fringe, O/H, G&A)		0.00		0.00		0.00
TOTAL, TEAM SUB FEES (as negotiated)		0.00		0.00		0.00
TOTAL, BASE FEE (Prime)						
TOTAL, TASK 1 COSTS	0.0	0.00	0.0	0.00		814.00
TOTAL (PRIME + TEAM SUBCONTRACTORS)						
TOTAL, DIRECT LABOR (LOE/HRS)		14.72		2,825.95		5,217.00
TOTAL, DIRECT LABOR (Clerical)	0.0	0.00	0.0	0.00		268.00
TOTAL, DIRECT COSTS						
Other Direct Costs		0.00		44.95		607.00
Travel		0.00		4.20		0.00
Equipment		0.00		0.00		0.00
Subpool		0.00		0.00		0.00
Pollution Liability Insurance		0.00		0.00		0.00
TOTAL, INDIRECT COSTS (Fringe, O/H, G&A)		29.44		6,265.52		8,876.00
TOTAL, TEAM SUB FEES (as negotiated)		0.00		0.00		0.00
TOTAL, BASE FEE (Prime)		3.89		436.10		801.00
TOTAL, TASK 1 COSTS		48.05		9,576.72		15,769.00

RAC Contract Invoice Backup Report - Work Assignment (CIB-2)

Contract Number:	68-W5-0014	Work Assignment:	010-RSP-0714	Activity:	R/FS OS
Work Assignment Title:	West Lake Landfill				
Period of Performance:	09/23/96 - 09/30/97	WA Form:	Term		
Contractor Name:	Sverdrup Environmental, Inc.	Invoice Number:	28		
Invoice Service Delivery Date:	09/06/97-10/03/97	Invoice Date:	October 17, 1997		

Task Category Code: RR
Task 9: Remedial Investigation Report

TOTALS FOR TASK 9

Cost Elements	Current		Cumulative		Approved Work Plan Budget	
	LOE/HRS	Dollars	LOE/HRS	Dollars	LOE/HRS	Dollars
PRIME CONTRACTOR						
TOTAL, DIRECT LABOR (LOE/HRS)		483.57		995.88		2,537.00
TOTAL, DIRECT LABOR (Clerical)	0.0	0.00	0.0	0.00		65.00
TOTAL, DIRECT COSTS						
Other Direct Costs		0.00		0.00		107.00
Travel		0.00		0.00		0.00
Equipment		0.00		0.00		0.00
Subpool		0.00		0.00		0.00
Pollution Liability Insurance		0.00		0.00		0.00
TOTAL, INDIRECT COSTS (Fringe, O/H, G&A)		967.14		1,991.77		4,944.00
TOTAL, TEAM SUB FEES (as negotiated)						
TOTAL, BASE FEE (Prime)		73.99		151.87		382.00
TOTAL, TASK 9 COSTS		1,524.70		3,139.52		8,035.00
CDM FEDERAL PROGRAMS CORP.						
TOTAL, DIRECT LABOR (LOE/HRS)	0.0	0.00	0.0	0.00	0.0	0.00
TOTAL, DIRECT LABOR (Clerical)	0.0	0.00	0.0	0.00	0.0	0.00
TOTAL, DIRECT COSTS						
Other Direct Costs		0.00		0.00		0.00
Travel		0.00		0.00		0.00
Equipment		0.00		0.00		0.00
Subpool		0.00		0.00		0.00
Pollution Liability Insurance		0.00		0.00		0.00
TOTAL, INDIRECT COSTS (Fringe, O/H, G&A)		0.00		0.00		0.00
TOTAL, TEAM SUB FEES (as negotiated)		0.00		0.00		0.00
TOTAL, BASE FEE (Prime)		0.00		0.00		0.00
TOTAL, TASK 9 COSTS	0.0	0.00	0.0	0.00	0.0	0.00
TERRACON ENVIRONMENTAL, INC.						
TOTAL, DIRECT LABOR (LOE/HRS)	0.0	0.00	0.0	0.00	0.0	0.00
TOTAL, DIRECT LABOR (Clerical)	0.0	0.00	0.0	0.00	0.0	0.00
TOTAL, DIRECT COSTS						
Other Direct Costs		0.00		0.00		0.00
Travel		0.00		0.00		0.00
Equipment		0.00		0.00		0.00
Subpool		0.00		0.00		0.00
Pollution Liability Insurance		0.00		0.00		0.00
TOTAL, INDIRECT COSTS (Fringe, O/H, G&A)		0.00		0.00		0.00
TOTAL, TEAM SUB FEES (as negotiated)		0.00		0.00		0.00
TOTAL, BASE FEE (Prime)		0.00		0.00		0.00
TOTAL, TASK 9 COSTS	0.0	0.00	0.0	0.00	0.0	0.00
M. STEELE ENTERPRISES, INC.						
TOTAL, DIRECT LABOR (LOE/HRS)	0.0	0.00	0.0	0.00	0.0	0.00
TOTAL, DIRECT LABOR (Clerical)	0.0	0.00	0.0	0.00	0.0	0.00
TOTAL, DIRECT COSTS						
Other Direct Costs		0.00		0.00		0.00
Travel		0.00		0.00		0.00
Equipment		0.00		0.00		0.00
Subpool		0.00		0.00		0.00
Pollution Liability Insurance		0.00		0.00		0.00
TOTAL, INDIRECT COSTS (Fringe, O/H, G&A)		0.00		0.00		0.00
TOTAL, TEAM SUB FEES (as negotiated)		0.00		0.00		0.00
TOTAL, BASE FEE (Prime)		0.00		0.00		0.00
TOTAL, TASK 9 COSTS	0.0	0.00	0.0	0.00	0.0	0.00
ZAMBRANA ENGINEERING, INC.						
TOTAL, DIRECT LABOR (LOE/HRS)	0.0	0.00	0.0	0.00	0.0	0.00
TOTAL, DIRECT LABOR (Clerical)	0.0	0.00	0.0	0.00	0.0	0.00
TOTAL, DIRECT COSTS						
Other Direct Costs		0.00		0.00		0.00
Travel		0.00		0.00		0.00
Equipment		0.00		0.00		0.00
Subpool		0.00		0.00		0.00
Pollution Liability Insurance		0.00		0.00		0.00
TOTAL, INDIRECT COSTS (Fringe, O/H, G&A)		0.00		0.00		0.00
TOTAL, TEAM SUB FEES (as negotiated)		0.00		0.00		0.00
TOTAL, BASE FEE (Prime)		0.00		0.00		0.00
TOTAL, TASK 9 COSTS	0.0	0.00	0.0	0.00	0.0	0.00

RAC Contract Invoice Backup Report - Work Assignment (CIB-2)

Contract Number:	68-W5-0014	Work Assignment:	010-RSP-0714	Activity:	R/FS OS
Work Assignment Title:	West Lake Landfill	WA Form:	Term		
Period of Performance:	09/23/96 - 09/30/97	Invoice Number:	28		
Contractor Name:	Sverdrup Environmental, Inc.	Invoice Date:	October 17, 1997		
Invoice Service Delivery Date:	09/06/97-10/03/97				

Task Category Code: RR
Task 9: Remedial Investigation Report

TOTALS FOR TASK 9

Cost Elements	Current		Cumulative		Approved Work Plan Budget	
	LOE/HRS	Dollars	LOE/HRS	Dollars	LOE/HRS	Dollars
CRS						
TOTAL, DIRECT LABOR (LOE/HRS)	0.0	0.00	0.0	0.00	0.0	0.00
TOTAL, DIRECT LABOR (Clerical)	0.0	0.00	0.0	0.00	0.0	0.00
TOTAL, DIRECT COSTS						
Other Direct Costs		0.00		0.00		0.00
Travel		0.00		0.00		0.00
Equipment		0.00		0.00		0.00
Subpool		0.00		0.00		0.00
Pollution Liability Insurance		0.00		0.00		0.00
TOTAL, INDIRECT COSTS (Fringe, O/H, G&A)		0.00		0.00		0.00
TOTAL, TEAM SUB FEES (as negotiated)		0.00		0.00		0.00
TOTAL, BASE FEE (Prime)						
TOTAL, TASK 9 COSTS	0.0	0.00	0.0	0.00	0.0	0.00
TOTAL (PRIME + TEAM SUBCONTRACTORS)						
TOTAL, DIRECT LABOR (LOE/HRS)	0.0	483.57	0.0	995.88		2,537.00
TOTAL, DIRECT LABOR (Clerical)	0.0	0.00	0.0	0.00		65.00
TOTAL, DIRECT COSTS						
Other Direct Costs		0.00		0.00		107.00
Travel		0.00		0.00		0.00
Equipment		0.00		0.00		0.00
Subpool		0.00		0.00		0.00
Pollution Liability Insurance		0.00		0.00		0.00
TOTAL, INDIRECT COSTS (Fringe, O/H, G&A)		967.14		1,991.77		4,944.00
TOTAL, TEAM SUB FEES (as negotiated)		0.00		0.00		0.00
TOTAL, BASE FEE (Prime)		73.99		151.87		382.00
TOTAL, TASK 9 COSTS	0.0	1,524.70		3,139.52		8,035.00

RAC Contract Invoice Backup Report - Work Assignment (CIB-2)

Contract Number: 68-W5-0014
 Work Assignment Title: West Lake Landfill
 Period of Performance: 09/23/96 - 09/30/97
 Contractor Name: Sverdrup Environmental, Inc.
 Invoice Service Delivery Date: 09/06/97-10/03/97

Work Assignment: 010-RSP-0714
 WA Form: Term
 Invoice Number: 28
 Invoice Date: October 17, 1997

Activity: RI/FS OS

TOTAL OF ALL TASKS
TOTALS FOR ALL TASKS

Cost Elements	Current		Cumulative		Approved Work Plan Budget	
	LOE/HRS	Dollars	LOE/HRS	Dollars	LOE/HRS	Dollars
PRIME CONTRACTOR						
TOTAL, DIRECT LABOR (LOE/HRS)		498.29		4,077.98		19,084.00
TOTAL, DIRECT LABOR (Clerical)	0.0	0.00	0.0	0.00		1,123.00
TOTAL, DIRECT COSTS						
Other Direct Costs		0.00		44.95		2,647.00
Travel		0.00		4.20		480.00
Equipment		0.00		0.00		0.00
Subpool		0.00		0.00		0.00
Pollution Liability Insurance		0.00		0.00		0.00
TOTAL, INDIRECT COSTS (Fringe, O/H, G&A)		996.58		8,769.59		38,395.00
TOTAL, TEAM SUB FEES (as negotiated)		0.00		0.00		0.00
TOTAL, BASE FEE (Prime)		77.88		626.91		3,518.00
TOTAL, ALL TASKS		1,572.75		13,523.63		65,247.00
CDM FEDERAL PROGRAMS CORP.						
TOTAL, DIRECT LABOR (LOE/HRS)	0.0	0.00	0.0	0.00	0.0	0.00
TOTAL, DIRECT LABOR (Clerical)	0.0	0.00	0.0	0.00	0.0	0.00
TOTAL, DIRECT COSTS						
Other Direct Costs		0.00		0.00		0.00
Travel		0.00		0.00		0.00
Equipment		0.00		0.00		0.00
Subpool		0.00		0.00		0.00
Pollution Liability Insurance		0.00		0.00		0.00
TOTAL, INDIRECT COSTS (Fringe, O/H, G&A)		0.00		0.00		0.00
TOTAL, TEAM SUB FEES (as negotiated)		0.00		0.00		0.00
TOTAL, BASE FEE (Prime)		0.00		0.00		0.00
TOTAL, ALL TASKS	0.0	0.00	0.0	0.00	0.0	0.00
TERRACON ENVIRONMENTAL, INC.						
TOTAL, DIRECT LABOR (LOE/HRS)	0.0	0.00	0.0	0.00	0.0	0.00
TOTAL, DIRECT LABOR (Clerical)	0.0	0.00	0.0	0.00	0.0	0.00
TOTAL, DIRECT COSTS						
Other Direct Costs		0.00		0.00		0.00
Travel		0.00		0.00		0.00
Equipment		0.00		0.00		0.00
Subpool		0.00		0.00		0.00
Pollution Liability Insurance		0.00		0.00		0.00
TOTAL, INDIRECT COSTS (Fringe, O/H, G&A)		0.00		0.00		0.00
TOTAL, TEAM SUB FEES (as negotiated)		0.00		0.00		0.00
TOTAL, BASE FEE (Prime)		0.00		0.00		0.00
TOTAL, ALL TASKS	0.0	0.00	0.0	0.00	0.0	0.00
M. STEELE ENTERPRISES, INC.						
TOTAL, DIRECT LABOR (LOE/HRS)	0.0	0.00	0.0	0.00	0.0	0.00
TOTAL, DIRECT LABOR (Clerical)	0.0	0.00	0.0	0.00	0.0	0.00
TOTAL, DIRECT COSTS						
Other Direct Costs		0.00		0.00		0.00
Travel		0.00		0.00		0.00
Equipment		0.00		0.00		0.00
Subpool		0.00		0.00		0.00
Pollution Liability Insurance		0.00		0.00		0.00
TOTAL, INDIRECT COSTS (Fringe, O/H, G&A)		0.00		0.00		0.00
TOTAL, TEAM SUB FEES (as negotiated)		0.00		0.00		0.00
TOTAL, BASE FEE (Prime)		0.00		0.00		0.00
TOTAL, ALL TASKS	0.0	0.00	0.0	0.00	0.0	0.00
ZAMBRANA ENGINEERING, INC.						
TOTAL, DIRECT LABOR (LOE/HRS)	0.0	0.00	0.0	0.00	0.0	0.00
TOTAL, DIRECT LABOR (Clerical)	0.0	0.00	0.0	0.00	0.0	0.00
TOTAL, DIRECT COSTS						
Other Direct Costs		0.00		0.00		0.00
Travel		0.00		0.00		0.00
Equipment		0.00		0.00		0.00
Subpool		0.00		0.00		0.00
Pollution Liability Insurance		0.00		0.00		0.00
TOTAL, INDIRECT COSTS (Fringe, O/H, G&A)		0.00		0.00		0.00
TOTAL, TEAM SUB FEES (as negotiated)		0.00		0.00		0.00
TOTAL, BASE FEE (Prime)		0.00		0.00		0.00
TOTAL, ALL TASKS	0.0	0.00	0.0	0.00	0.0	0.00

RAC Contract Invoice Backup Report - Work Assignment (CIB-2)

Contract Number: 68-W5-0014
 Work Assignment Title: West Lake Landfill
 Period of Performance: 09/23/96 - 09/30/97
 Contractor Name: Sverdrup Environmental, Inc.
 Invoice Service Delivery Date: 09/06/97-10/03/97

Work Assignment: 010-RSP-0714
 WA Form: Term
 Invoice Number: 28
 Invoice Date: October 17, 1997

Activity: RI/FS OS

TOTAL OF ALL TASKS
TOTALS FOR ALL TASKS

Cost Elements	Current		Cumulative		Approved Work Plan Budget	
	LOE/HRS	Dollars	LOE/HRS	Dollars	LOE/HRS	Dollars
CRS						
TOTAL, DIRECT LABOR (LOE/HRS)	0.0	0.00	0.0	0.00		6,944.00
TOTAL, DIRECT LABOR (Clerical)	0.0	0.00	0.0	0.00		300.00
TOTAL, DIRECT COSTS						
Other Direct Costs		0.00		0.00		0.00
Travel		0.00		0.00		0.00
Equipment		0.00		0.00		0.00
Subpool		0.00		0.00		0.00
Pollution Liability Insurance		0.00		0.00		0.00
TOTAL, INDIRECT COSTS (Fringe, O/H, G&A)		0.00		0.00		0.00
TOTAL, TEAM SUB FEES (as negotiated)		0.00		0.00		0.00
TOTAL, BASE FEE (Prime)		0.00		0.00		0.00
TOTAL, ALL TASKS	0.0	0.00	0.0	0.00		7,244.00
TOTAL (PRIME + TEAM SUBCONTRACTORS)						
TOTAL, DIRECT LABOR (LOE/HRS)		498.29		4,077.98		26,028.00
TOTAL, DIRECT LABOR (Clerical)		0.00		0.00		1,423.00
TOTAL, DIRECT COSTS						
Other Direct Costs		0.00		44.95		2,647.00
Travel		0.00		4.20		480.00
Equipment		0.00		0.00		0.00
Subpool		0.00		0.00		0.00
Pollution Liability Insurance		0.00		0.00		0.00
TOTAL, INDIRECT COSTS (Fringe, O/H, G&A)		996.58		8,769.59		38,395.00
TOTAL, TEAM SUB FEES (as negotiated)		0.00		0.00		0.00
TOTAL, BASE FEE (Prime)		77.88		626.91		3,518.00
TOTAL, ALL TASKS		1,572.75		13,523.63		72,491.00